

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in this application.

Claims 1-3 (Canceled).

Claim 4 (Currently Amended): A conductive thermoplastic-resin film which comprises a mixture of a thermoplastic resin and a conductive material and has a volume resistivity, as measured by the four-probe method in accordance with JIS K-7194, of $10\ \Omega\cdot\text{cm}$ or lower and a peel strength in the range of 1-150 N as measured at 25°C after disposing two sheets of the film (150 mm \times 25 mm) so as to face each other and laminating the sheets to each other by pressing these in an atmosphere of 25°C at a pressure of 3.9×10^5 Pa for 1 ~~[[minute.]]~~minute, wherein the conductive thermoplastic-resin film further comprises an amorphous propylene/butene copolymer or an amorphous propylene/ethylene/butene copolymer in an amount in the range of 30-65% by mass.

Claim 5 (Canceled).

Claim 6 (Currently Amended): A conductive thermoplastic-resin laminate film which comprises:

a conductive thermoplastic-resin film A, as a base, which comprises a mixture of a thermoplastic resin and a conductive material and ~~[[having]]~~has a volume resistivity, as measured by the four-probe method in accordance with JIS K-7194, of $10\ \Omega\cdot\text{cm}$ or lower and a moisture permeability, as measured at a film thickness of 100 μm by JIS K-7129 method B in an atmosphere of 40°C and a relative humidity (RH) of 90%, of 10 $\text{g}/(\text{m}^2\cdot 24\ \text{hr})$ or lower; and

a conductive thermoplastic-resin film B comprising an amorphous propylene/butene copolymer or an amorphous propylene/ethylene/butene copolymer in an amount in the range of 30-65% by mass and having the following tackiness characteristics which has been laminated to at least one side of the film base:

Tackiness characteristics:

the peel strength as measured at 25°C after disposing two sheets of the film (150 mm × 25 mm) so as to face each other and laminating the sheets to each other by pressing these in an atmosphere of 25°C at a pressure of 3.9×10^5 Pa for 1 minute is in the range of 1-150 N.

Claims 7-14 (Canceled).

Claim 15 (Previously Presented): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin film according to claim 4.

Claim 16 (Previously Presented): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin film according to claim 4.

Claims 17-18 (Canceled).

Claim 19 (Previously Presented): A current collector for an electric double-layer capacitor comprising the conductive thermoplastic-resin laminate film according to claim 6.

Claim 20 (Previously Presented): A current collector for a proton-ion polymer battery comprising the conductive thermoplastic-resin laminate film according to claim 6.